Spring Student Symposium Schedule

Friday, April 19, 2024

Updated on 4/18/24

Opening Performance: Walking Lines (DANC 260)

8:50 AM MBH Great Hall

Gabrielle Anchondo ’27, Emma Dobson ’27, Jessica (Zhanqi) Hong '24, Edith Mauch '27, Maelys Mesnier, Odette Castillo Pinto ’27 · Laurel Jenkins

Welcome by Laurie Patton, President of Middlebury College

9 AM in McCardell Bicentennial Great Hall (MBH)

Online Presentations (available all day)

1. Alpha Knight—Max Walters '24 · Jason Mittell
2. An Exploration Into the History and Symbolism of Alcohol in Bolivia—Ellie Cady '25.5 · Irina Feldman
3. Exploring the Sustainability of School Based Healthcare in Rural VT—Anne Leithead '23.5 · Kristin Bright
4. Performance Pressure: Making Excuses and Managing Mental Health on Strava—Blaise Siefer '23.5 · Markus Gerke

Bad Influence

MBH 104

Moderated by Dan Courcey

9:15 AM The Limits of Atreus' Power in Seneca's Thyestes—Maddie Pappano '24 · Christopher Star

9:35 AM The Influence of "Akira"—Marian Zottola '24 · Jason Mittell

9:55 AM The Effect of a Bernie Sanders Endorsement on Campaign Finance in the 2022 U.S. House Midterms—Quinn Pidgeon '24.5 · Bert Johnson

10:15 AM Kanye Conundrum: Reflections on Race, Religion, and the American Zeitgeist—Sophie Ashworth '24 · James Calvin Davis

Supply and Demand

MBH 216

Moderated by Maria Hatjigeorgiou

9:15 AM Population Growth and Classical and Neo-classical Economic Growth Theory within the Context of Burundi's Economic Development—Noé Vyizigiro '24.5 · Obie Porteous

9:35 AM Patterns of Livestock Predation by Lions, Leopards, and Spotted Hyenas within the Ngorongoro Conservation Area, Tanzania—Max Zeltsar '24.5 · Alexis Mychajliw

9:55 AM The Fabric of Life – Culture and Identity through Textiles—Marissa Lewis '24, Faith Wood '24.5 · Maria Hatjigeorgiou

10:15 AM Route Recalculating… Investigating the Health Care Impacts of Cyclone Induced Road Closures in Hawke's Bay, New Zealand Gabrielle—Grace Sokolow '24 · Peter Nelson

I saw the Sign

MBH 219

Moderated by Michael Roy

9:15 AM Developing Audio Plugins for Electronic Music Production—Charlie Moore '24 · Matthew Evan Taylor

9:35 AM Classifying Quantum States of Matter with Machine Learning—Julian Calder '24 · Chris Herdman

9:55 AM Decoding Social Communication in a Eusocial Ant Species, Harpegnathos Saltator—Amu Tawawalla '24, Roeskva Torhalsdottir '25 · Greg Pask

10:15 AM Does Time Slow Down as You Approach the Speed of Light? Testing Einstein’s Theory on a High Altitude

Balloon— Mao Koike '26, Ellie Suit '24, Autumn Zhong '24 · Chris Herdman

Not Lost in Translation
MBH 220
Moderated by Steve Snyder
9:15 AM Exploring Translation—Shamail Naseer '24 · Steve Snyder
9:35 AM The Revitalization of Quechua—Noah Gettings '24 · Brandon Baird
9:55 AM History Across Language and Time: The Stories of Yukari Kojima—Mia Kojima '24 · Linda White
10:15 AM Collisions of Art and Science—Elizabeth Austin '24 · Alexis Mychajliw

Democratic Dialogues
MBH 303
Moderated by Sarah Stroup
9:15 AM Democratic Dialogues— Mack Briglin '26.5, Annabel Cloney '26, Kelly Dever '27, Taniya Noori '25.5, Shane Silverman '24.5 · Sarah Stroup

I Like to Move It Move It
MBH 311
Moderated by Bettina Matthias
9:15 AM Global Body in Conflict—Hannah Ennis '24 · Lida Winfield
9:35 AM Playing for a Goal: The Impact of a Mission-Driven Sports Team on Player Attitudes—Sammy Conrad-Rooney '25 · Markus Gerke
9:55 AM Wanderers Nachtlied II: How to Build a German Song—Peyton Mader '24 · Bettina Matthias
10:15 AM Sociality of Affect Underpinned by Love and Care in Digital Chinese Fandom—Jessica (Zhanqi) Hong '24 · Louisa Stein

The Space Between
MBH 317
Moderated by Chong-Suk Han
9:15 AM The Multiplicity and Psychogeography of London's Fictions—Tejas Srinivasan '24 · Benjamin Graves
9:35 AM Who Is the Public in Public Libraries? Exploring the Spatial Variations of Evolving Library Services in Chicago, IL—Alexandra "Ola" Zalecki '24 · Peter Nelson
9:55 AM Understanding Queer Gender Identity Development on College Campuses—Spencer Messier '24 · Chong-suk Han
10:15 AM Intimate Strangers: An Ethnographic Story of Female Connection and Collective effervescence in Nightclub Bathrooms—Patricia Hughes '24 · Kristin Bright

Water Rights and Wrongs
MBH 403
Moderated by Jon Isham
9:15 AM Indigenous Water Rights in the Colorado River Basin—Charles Crounse '24 · Jon Isham
9:35 AM Building Strong Environmental Coalitions: Lessons from the Christian Right—Ben Wagner '25 · James Calvin Davis
9:55 AM Weaving the Korowai: The Intersection of Ecosystem Restoration, Indigenous Knowledge, and Land Rights in Whakaraupō, New Zealand—Pearl Tulay '24 · Michael Sheridan
10:15 AM Reserve Effect in Marine Fisheries in Madagascar—Tatum Peskin '24 · Mez Baker-Medard

High Altitude Balloon Launch 10:45 AM (This is a tentative time and weather dependent!)
This launch is weather dependent and may be moved to earlier in the day or canceled. Check updated information on the day of the symposium for time, location, and viewing options.

Morning Posters

10:30-11:15 AM in the MBH Great Hall

1. Discovering a Photocatalytic Method for Demethylation—Kailey Gagne '24 · Lindsay Repka
2. Paleozoic Cephalopods—Steil Steil '24 · Alexis Mychajliw
3. Climate Change Beliefs and Fertility Expectations—Natalie Eddy '24 · Julia Berazneva
4. Development of a Homebuilt Quantum Yield Spectrometer—Landon Rice '24.5 · Ben Cotts
5. Landslides in Tropical Granitic Terranes: Mineralogical, Geochemical, and Physical Signatures of Slip Surfaces—Maryam Junaid '26, Dira Mahmud '25 · Peter Ryan
6. Ottoman Diasporas in Vermont, 1850-1960—Ryan McElroy '25 · Febe Armanios
7. Analyzing the Effects of Solitude Skills Intervention Through Mixed Effects Modeling—Louise Hay '24 · Virginia Thomas
8. Investigating the Role of GDE6 in Neural Tube Development—Frida Arroyo Delgado '24, Alexis Cramer '24, Samia Sami '24, Mahnoor Ahmad ‘25 · Clinton Cave
9. The Microbial Link: Impacts of Legacy Mercury on the Environmental Health of Two Vermont Streams—Hamia Sophia Fatima '24 · Erin Eggleston
10. Negative Affective Withdrawal from Cocaine in CC/DO Founder Strains—Abed Abbas '24, Ashiyaan Asif '26, Levi Goldberg '26.5, Carter Joyce ‘24, Sachin Patel '24 · Clarissa Parker
11. The Effect of Employee Stock Ownership Plans on Employment and Income During COVID-19—Xiaohe Li '24 · Erin Wolcott
12. Death by Necroptosis: Chemical-Genetic Screen Reveals Downstream Pathway Components—Amelia Grosskopf '24 · Cole Dovey
13. The FeoAB Operon Belongs to the Streptococcus Mutans SloR Regulon—Yiran Han '25 · Grace Spatafora
14. The Effects of Testosterone on Neurogenesis—Blaine Cunnigham '25, Geetika Surapaneni '25 · Mark Spritzer
15. An Organometallic Photocatalytic Approach to N-Methoxyamide Photocrosslinking—Tobias Ziemke '24 · Lindsay Repka
16. Pornography at Middlebury—Leslie Ramirez '25 · Patricia Saldarriaga
17. Tailoring Fish Consumption Advisories to Specialized Communities: A Case Study Analyzing Seafood Consumption Patterns Among the Nepali Population in New Hampshire—Theresa Barth '24 · Kate Crawford
18. Generating Decoder Systems for Insect Odorant Receptors—Clara Sandberg '24.5 · Greg Pask
19. Laser Illumination in a Microscope With a Rotating Diffuser—Hazel Traw '24 · Michael Durst
20. Within the Flood: What Wetlands Can Teach About Resiliency and Restoration in Community—Hannah Ennis '24 · Mez Baker-Medard
21. An Assessment of Total Mercury Concentrations in Recreationally Harvested Pacific Halibut From Homer, AK—Jeffrey Bolnick '24, Elly Tuffey '26, Jiajun Xia '26 · Sam Byrne
22. Factors that Influence a Shift in Memory Networks During Spatial Learning in Rats—Marina Lyon '24 · Mike Dash
23. Analyzing Arsenic Sources in Costa Rican Groundwater—Henry Ericson '24.5, Molly Klingner '24, Julianna Martinez '24, Ian Nolon '24.5, Lila Olson '24 Robin Potter '24.5 · Peter Ryan
24. Documenting and Communicating Human-Wildlife Interactions on the Trail Around Middlebury—Claire Ellerbrook '26 · Alexis Mychajliw
25. Child Attachment to Parents Moderates the Effects of Youth Stress and Substance Use on White-Matter—Jenny Legido '24 · Zu Wei Zhai
26. Assessing Road Salt Effects on Ion Exchange and Metal Solubility in Vermont’s Lake Champlain Basin Through ICP-MS Analysis—Elsa Mowers '24.5 · Molly Costanza-Robinson
27. Comparing Long-Term Cognitive Impairments: Chemotherapy vs. Post-Acute Sequelae of SARS-CoV-2 Infection—Sara Ellinghaus '24 · Amanda Crocker
28. Exploring Microclimates in Old Growth Hemlock Groves: Implications for Hemlock Wooly Adelgid Spread and Forest Health—Haydn Suske-Funk '24.5 · David Allen
47. Two-Photon Action Cross-Sections of Long Wavelength Dyes—Jewel Ashbrook '24 · Michael Durst

Musical Identities

MBH 104

Moderated by Danielle Simon and Marcos Rohena-Madrazo

11:15 AM Performing Across Time: Folk Musicians in Vermont—Hans Kindstedt '24, Kate Loomis-Adams '26.5, Samantha Solomon '25, Elli Sterling '25 · Danielle Simon

11:55 AM Las Patronas: The History of Corridos Tumbados and Its Relation to Reggaetón— Monse Diaz '25, Daniel Ramirez '24, Juli Rojas '26, Maria Romero '24 · Marcos Rohena-Madrazo

Stress Responses

MBH 216

Moderated by Laurie Patton

11:15 AM Bread and Colonialism: the Story of Egyptian Bread in the Nineteenth and Twentieth Centuries—Per Alexander '24.5 · Febe Armanios

11:35 AM Phenology of Pheromone Attraction in the Winter Firefly—Cleo Baldoumas '24.5, Charlotte Herbert · Greg Pask

11:55 AM The Magic Show of Concepts: How Consciousness Conjures Up the Self and World in Yogācāra Buddhism—Chang Ma '24 · William Waldron

12:15 PM Wonderful Love: Hurdles to Embracing King David and Jonathan's Love Story in the Bible—Christopher Martucci '25 · Eunyung Lim

Constant Craving

MBH 219

Moderated by Grace Spatafora

11:15 AM Predators of Lyme Disease: The Effects of Canid Predators on Infected Ticks—Luke Van Horn '24 · David Allen

11:35 AM A H46 Mutation in Perr Fosters Oxidative Stress Tolerance in Streptococcus Mutans—Benjamin Merz '24 · Grace Spatafora

11:55 AM Courtship Behavior Coupled with Pain Stimuli in Flies among Males and Virgin Females to Understand Memory Learning—Pearl Obeng-Sefah '24 · Amanda Crocker

12:15 PM Sargassum Spp. And Fishing Activities Effects on Marine Debris on South Caicos, Turks, and Caicos Islands—Francesca Bradley '25.5 · Emily Putnam

Policy Briefs or Boxers

MBH 220

Moderated by David Provost

11:15 AM Red, Blue and Green: The Inflation Reduction Act and Its Impact on Renewable Energy in the United States—Aidan Shepardson '24 · Jon Isham

11:35 AM Flying Empty: The Essential Air Service Program and Its Economic Impact on Rural America—William Procter '24 · Caitlin Myers

11:55 AM Unlocking Prosperity: The Free Trade Agreement between Georgia, Moldova, Ukraine, and the European Union—Mariia Dzholos '24 · Caitlin Myers

12:15 PM Economic Sanctions and Its Effect on North Korean Regional Economy—Jaeden Lee ‘24· Erin Wolcott

Transgender Dysphoria Blues

MBH 303

Moderated by Amy McGlashan

11:15 AM Modeling Effects of Gender Bias and Homophily in Japanese Corporate Hierarchy—Ai Hattori '24 · Jennifer Crodelle

11:35 AM "Rememories" Revived: Haunting Female Enslavement in Toni Morrison's Beloved and Kara Walker's Silhouettes—Madeline Shean '24 · William Nash

11:55 AM The Lineage of "Feminine Writing" in the Meaning Making of History—Xiaoyuan (Caroline) Jiao '24.5 · Sfyroeras Pavlos, Chialan Wang
12:15 PM Seeking an Uncertain God: Secular Readings of Postmodern Christian Literature—Chloe Snider '24 · Brett Millier

Research in Spanish
MBH 311
Moderated by Irina Feldman
11:15 AM Tiempo Cíclico en La Cosmovision Indigena Andina y Norteamericana—William Beckerman '26 · Irina Feldman
11:35 AM The Form and Content of Environmental Denunciation in Fictional Cinema and Documentary: "Utama" and "En el Nombre de Litio"—Celia Barabanov ‘26 · Irina Feldman
11:55 AM Ecosocialisms of the 21st Century? The Intersection of Environmentalism and Progressive Politics in the Andes—Oliver Patrick ‘24 · Irina Feldman

Life During Wartime
MBH 317

Moderated by Michael Sheridan
11:15 AM A Village Divided: Violence and Identity Along the Spanish-Moroccan Border—Theo McDermott-Hughes '23.5 · Michael Sheridan
11:35 AM The Role of Family Structure in the Spread of Indo European Languages in Europe: Combining Literary, Genetic and Archaeological Evidence—Aniketan Pelletier '25 · Christopher Star
11:55 AM The European Military Revolution and The Decline of Mercenary Culture—Jianrong Ding '24 · Louisa Burnham
12:15 PM Understanding the Absence of Al-Shabaab in Somaliland—Hodo Abubakar '25 · Kathrine Petrich

Death Will Never Conquer
MBH 403
Moderated by James C. Davis
11:15 AM Who and What Matters at the End of Life: Death Culture, Visibility, Trust, and Marginality—Gabriella Chalker '24 · Pam Berenbaum
11:35 AM Urban Afforestation and Infant Mortality Outcomes: Evidence from Million Trees New York City—Jack Waitz '24 · Erick Gong
11:55 AM Funding Futures: The Impact of State Funding for Higher Education on Teen Births—Jean Wan '24 · Caitlin Myers
12:15 PM Service in Translation – An Interinstitutional and International Student Project—Mia Kojima '24 · Kristen Mullins

Lunch Break 12:30-1:30 PM in Various Locations

Secret Past Journeys
MBH 104
Moderated by Mary Lothrop
1:30 PM The Tarkhan Dress Reconstructed—Líle Casey '24 · James Fitzsimmons
1:50 PM A Fine Haul of Museum Objects: Excavating, Exporting, and Exhibiting Ur—Ewan Inglis '24 · Ian Barrow
2:10 PM Sifting Wheat and Shifting Focus: Interpreting Gustave Courbet’s Les Cribleuses de Blé as a Political Allegory—Aine Powers '24 · Carrie Anderson
2:30 PM CANVAS - A Short Narrative Film—Naomi Clark '24 · Jason Mittell

Nothing Compares 2 U

MBH 216

Moderated by Jim Ralph

1:30 PM Fact-Checking the American Dream: Understanding Belief in Meritocracy Among Immigrants in the U.S.—Hanwen Zhang ‘24 · Matt Lawrence

1:50 PM Winds of Change: A Comparative Analysis of the Cape Wind and Vineyard Wind Offshore Development Projects in Massachusetts—Emily Kuperstein '24 · Christopher Klyza

2:10 PM Two Mayors, One Outcome: A History of Structural Racism in Philadelphia and Chicago's Public Housing—Luke Jaspan '24 · Jim Ralph

2:30 PM Is the IMF Moving Towards Adapting Its Programs? The Resilience and Sustainability Facility (RSF) Case Study in Rwanda—Angela Izi Nkusi '24 · Kemi Fuentes-George

Questions of My Childhood

MBH 219

Moderated by Carlos Velez

1:30 PM Smartphone and Social Media Addiction Effects on Social and Emotional Intelligence—Carter McPhedran '24.5, Daniel Wellons '24.5 · Kim Cronise

1:50 PM Pediatric Epilepsy Care in the World of the Child: Promoting the Child Patient's Agency in the Clinic, the Home, and the School—Gracie McDevitt '24 · Kristin Bright

2:10 PM Nature-Based Activities for Teachers of St. Vincent—Anna Notaro '24, Victoria Shuster '25 · Michael Sheridan

2:30 PM Wanted: Japanese Babies: Birth Incentive Programs in 21st century Japan—Maria Romero '24 · Linda White

Education Research

MBH 220

Moderated by Jonathan Miller-Lane

1:30 PM Capstone Seminar in Education Studies— Turner Britz '24.5, Vanessa Dator '25, Carolyn Days '24, Elio Farley '24.5, Angelina Gomes '24, Gray Groseclsoe '24.5, Lauren Ho '24, Lizzie Jack '24.5, Julia Levin '24, Mary Nagy-Benson '24.5, Hailey Vandenbosch '24, Grady Welsh '24, Margaret Winters '24.5 · Jonathan Miller-Lane

Building a Mystery

MBH 303

Moderated by Paul Hess

1:30 PM Designing a Transposon Mutagenesis Protocol for Pseudomonas Fluorescens—Christopher O'Connell '24 · Emily Putnam

1:50 PM Contemporary Arabic Poetry: Challenges in Translation—Nicholas Dahlen '24 · Usama Soltan

2:10 PM Taking Pictures of Atoms—Ethan Fleming '24 · Paul Hess

2:30 PM Modeling Trail Sustainability for the Green Mountain National Forest—Tate Sutter '24.5 · Bill Hegman

The Limits of Control

MBH 311

Moderated by Amy Yuen

1:30 PM Constant Change in Continuity: A Comparative Study on the Role of Good Faith in Roman and French Contract Law—Viraj Shankar '25 · Jane Chaplin

1:50 PM A Statistical Analysis of Contract Extensions in Major League Baseball—Ryan Heinzerling '24 · Amy Yuen

2:10 PM Who are Christian Nationalists: Quantifying the Threat of Religious Extremism in American Politics—Annabelle Wyman '24.5 · James Calvin Davis, Bert Johnson

2:30 PM Making Room for Vacationers: The Effect of Airbnb on Eviction in the United States—Hannah Sayre '24.5 · Caitlin Myers

Bad Reputation

MBH 317

Moderated by Ellen Oxfeld

1:30 PM Crime, Drugs, and Metropolitan Reputations: The Case of Marseille, France—Mira Ward '24 · Erik Bleich

1:50 PM Redefining Borders: Rural Migrant Workers' Negotiation with Symbolic Boundaries in Shenzhen, China during the COVID-19 Pandemic—Zixi Zhao '24 · Ellen Oxfeld

2:10 PM Genocide, Sanctions, and Soybeans: Describing, Assessing, and Constructing U.S. Policy Responses to the Uyghur Genocide—Matt Manahan '24 · Sarah Stroup

2:30 PM The Meta Oversight Board: A Model for Private Speech Governance, or a Defense Against Government Regulation—Kyra McNerney '24 · Sarah Stroup

Data Science

MBH 403

Moderated by Bert Johnson

1:30 PM Data Science Across Disciplines - 2024 Projects— Onat Birsen '25, Gabriella Chalker '24, Jenny Fede '26, James Flaumenhaft '24, Helena Gu '25, Adwaith Hariharan '27, Zermina Khan '27, Christopher Martucci '25, Sylvie Shure '25, Roeskva Torhalsdottir '25, Phil Wang '27 · Bert Johnson

Afternoon Posters

2:45-3:30 PM in the MBH Great Hall

29. Developing an Enzyme-Substrate Photocrosslinking Reaction Using Visible Light—Chloe Butzel '24, Josie Cochran '25, Marian Ordonez '25 · Lindsay Repka
30. A Murder Mystery in the Avian Collection: Middlebury's Black-Capped Petrel—Oliver Patrick '24 · Alexis Mychajliw
31. PM2.5 Effects on Infant Mortality Rates in India—Katya Juarez '24 · Julia Berazneva
32. Impact of Residual Catalyst Concentration on the Photophysical Properties of Organic Semiconductors—Avery Maxwell '25, Paige Swanson '24, Daisy Vasquez De Leon '27 · Ben Cotts
33. Investigating PFAS Transport, Retention, and Transformation at an AFFF-Impacted Site—Iain Alexander '24.5, Theresa Barth '24, Charles Harder '25, Asher Holton '25, Emmet Schmehling '24, Gavin Thomsen '25 · Peter Ryan
34. The Role of Inhibitory Plasticity in a Mathematical Model of Orientation Preference During Development—Lila Kosowsky '24, Isabel Pentony '22 · Jennifer Crodelle
35. The impact of the global language environment on the lexical access in reading—Islam Abushareah '26.5, Maria Soto '27, Kate Vasquez '26 · Olga Parshina
36. Impact of White Matter Microstructure and Alexithymia on Substance Use Escalation in Trauma-Exposed Individuals—Charlotte Luster '24 · Zu Wei Zhai
37. Isolation of Microbes from Maple Sap—Megan Fox '24, Alem Hadzic '26 · Emily Putnam
38. Development of Children's Visuospatial Reasoning—Tristan Tanchanco '24 · Marcia Collaer
39. Attitudes Towards Greener Transportation to and from Ski Resorts in Vermont—Tatum Peskin '24 · Julia Berazneva
40. Engineering an Inducible GSDME-Mediated Pyroptosis System—Ruby Warner '24.5 · Cole Dovey
41. A Metagenomics Approach to Understanding the Microbial Communities of Home and Artisanal Fermented Foods—Sophia Giliberto '24 · Emily Putnam
42. Historias No Contadas - Sherley Lopez Estrada '24 · Rachel Joo
43. Progress and Perspective of Single-Atom Catalysts for the Electrochemical CO2 Reduction Reaction for Fuels and Chemicals—Benjamin Liu '24 · Molly Costanza-Robinson
44. The Queering of Reggaetón—Margaret (Maggie) Allen '24 · Madison Felman-Panagotacos
45. Enhancing Seafood Consumption Advisories for Special Populations in New Hampshire—Isaac Xie '24 · Kate Crawford
46. Using Omics to Decipher Microbial Dynamics in Lake Champlain During Harmful Cyanobacterial Bloom Cycle—Irene (Jiatong) Hu '24 · Erin Eggleston
48. A Mile from Weybridge House: A Photographic Exploration of Biodiversity and Phenology—Corinne Lowmanstone '24.5 · Minna Brown
49. Determining the Effects of Prolactin on Cell Proliferation and Neurogenesis in the Dentate Gyrus of Adult Male Rats—Raymond Grocela '24.5, Ugo Iroh '24 · Mark Spritzer

50. Novel Single Fly Assay with Video Tracking for Learning and Memory: An Improved Model for Drosophila Melanogaster—Stacey Grimaldo-Garcia '24 · Amanda Crocker
51. Modeling Mammoth Extinction in the Northeastern U.S. Utilizing Climate, Human Arrival, and Radiocarbon Data—Lucy Pollitt '26 · Alexis Mychajliw
52. Lessons of the Heath Hen: From Determining Native Ranges of Extinct Species to Informing Conservation Practices—Alivia Hartz '26 · Alexis Mychajliw
53. Examining the Relationship Between Cannabis Use and Stress and Recovery in College Athletes—Sarah Kimmel '24 · Zu Wei Zhai
54. Ion Chromatography for Investigating Road Salt in Vermont Streams—Mary Scott Robinson '24, Caroline Greene '24 · Molly Costanza-Robinson
55. Case Study of Environmental Justice in Anacostia Park—Christina Ritter '26 · Kathryn Morse
56. Using Usgs Regional Stream Quality Assessment Data to Explore Chloride Sensitivity in Stream Macroinvertebrate Communities—Ella Thompson '25 · Eric Moody

What a Wonderful World: Green Beliefs

MBH 104

Moderated by Michelle McCauley

3:30 PM CANCELED - Climate Change and Animism Amongst the Vezo People of Madagascar—Meïssa Atmani '26 · Mez Baker-Medard

3:50 PM Representing Nature—Mia Zottola '24 · Jason Mittell

4:10 PM Impacts of Road Salt Run Off on Aquatic Ecosystems Health through the Lens of Macroinvertebrates Biodiversity—Ryan Devine '24 · Eric Moody

4:30 PM Triggers of Ecological Mindset Transformations in Corporate Executives—Jack Clarner '24 · Rob Moeller

Looking for Some Hot Stuff

MBH 216

Moderated by Lisa Gates

3:30 PM Utilizing Synthetic Aperture Radar Imagery for Fire Behavior Modeling in the Black Hills Region—Peter Streufert '24 · William Hegman

3:50 PM Understanding Residential Decarbonization in a Vermont Context—Eli Richardson '24 · Julia Berazneva

4:10 PM How Have Wildfires Impacted Voter Participation and Preference?—Breanna Guo '24.5 · Caitlin Myers

4:30 PM The Effect of Wildfire Intensity on Soil Chemistry and Mineralogy in Chaparral Ecosystems of California—Joshua Hulbert '24.5 · Peter Ryan

Stand Up for Your Rights

MBH 219

Moderated by Khuram Hussain

3:30 PM Life After German Reunification: Stories of Former Mozambican and Vietnamese Contract Workers—Alex Evangelidis '24 · Natalie Eppelsheimer

3:50 PM Black Lives Matter in Germany—Amachi Obiegbu '26 · Viola Huang

4:10 PM Women’s Rights and LGBTQ+ Rights in Namibia: Colonialism, Decolonization, and the Global Human Rights Movement—Sydney Armor '24 · Natalie Eppelsheimer

4:30 PM We Were Fine Until You Came: Judaism and Migration in the Kaiserreich—Isaac Mays-Smith '24 · Darien Davis

How Does Your Garden Grow

MBH 220

Moderated by Mike Dash

3:30 PM Cabbage, Cod, Corn: Three Sister's of New England's Agriculture—Marlow Saucier '24 · Spring Ulmer

3:50 PM Restoring a Botanical Arboretum of Endemic Laurels—Ella Thompson '25, Samantha Surks '25.5 · Eric Moody
4:10 PM Plants, People, Aesthetics and Culture: A Socio-Ecological Theory of Designed Landscapes—Brett Gilman '24.5 · Mez Baker-Medard
4:30 PM China Buying Love? Exploring the Link Between Belt and Road Initiatives and Sentiment Towards China—William Fenimore '24 · Jeffrey Lunstead

Learning Through Experience

MBH 303

Moderated by Katherine O'Brien

3:30 PM Learning Through Experience: Stories of Alternative Breaks— Josette Chun '26, Nathaly Martinez '24, Yuvraj Shah '26, Phil Wang '27 · Katherine O'Brien

Tapping and Trapping

MBH 311

Moderated by Chris Herdman

3:30 PM Cracking the Shell: Developing a Novel Detection Method for Toxoplasma gondii in Alaskan Oysters—Eli DiBari '24 · Erin Eggleston
3:50 PM Pseudomonas Defines Maple Sap's Microbial Community—Isabella Conety '24 · Emily Putnam
4:10 PM Characterizing Cold Atoms in Space— Alec Gironda '24, Celia Kadoi '26, Ellie Suit '24 · Chris Herdman

This is Going to be a Disaster

MBH 317

Moderated by Kathryn Morse

3:30 PM Weather Disasters Effect on Intimate Partner Violence—Caroline Harding '24 · Caitlin Myers
3:50 PM Geospatial and Geologic Analysis of Landslide Distribution During the Summer 2023 Floods in Vermont—Elise Chan '24 · Peter Ryan
4:10 PM Growing Up in the Golden State: A Personal Exploration of Northern California's Earthquakes, Droughts, and Wildfires—Charlie Keohane '24 · Kathryn Morse
4:30 PM Arming the Lifeboat: A National Security Response to Climate Change—Ellie Hughes '24.5 · Dan Suarez

Body Online Lab

MBH 403

Moderated by Kristin Bright

3:30 PM Reflections on Pedagogy, Design, and Critical Health Humanities in The Body Online Lab— Athena Antippas '26, Frida Arroyo Delgado '24, Gabriella Chalker '24, Chandni Desai '23, Elio Farley '24.5, Carinna Kinnaman '24, Adriana Lucena-Santiago '25, Edith Mauch '27, Gracie McDevitt '24, Olivia Oehrle '24, Victoria Shuster '25, Thea Volpp '24 · Kristin Bright